

Converting Colors

CIELCh(64, 3.610, 128.930)

Have a look what the booklet for
CIELCh(64, 3.610, 128.930) contains.

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Color

CIELCh(64, 3.539, 128.934)

Conversions

Conversions Part 1

Format	Color
Hex	999C96
RGB	153, 156, 150
RGB Percent	60%, 61%, 59%
CMY	0.3996, 0.3878, 0.4113
CMYK	0.02, 0.00, 0.04, 0.39
HSL	90°, 3%, 60%
HSV	90°, 4%, 61%
XYZ	30.5777, 32.8017, 33.6194
YIQ	154.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

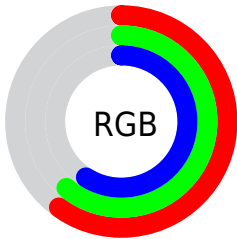
Format	Color
RYB	150, 156, 153
Decimal	10067094
CIELab	64.00, -2.22, 2.75
CIELCh	64, 3.539, 128.934
Yxy	32.8017, 0.3152, 0.3382
Android (android.graphics.Color)	4288257174 (0xFF999C96)
YUV	154.4190, -2.1786, -1.2445
Hunter-Lab	57.2727, -4.9270, 5.2874

Details

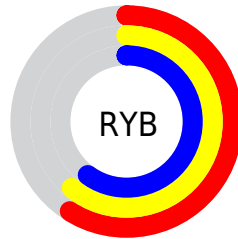
The CIELCh color $64, 3.539, 128.934$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 3.573, 309.214$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 3.346, 128.982$, and $44, 3.805, 128.854$ is the 20% darker color. If you saturate the color by 10%, you get $63, 12.791, 128.479$, and if you desaturate by 10%, it is $65, 5.668, 309.310$.

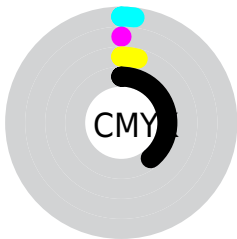
Distribution



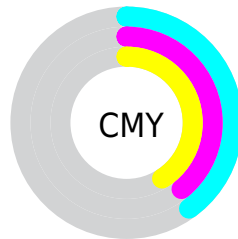
- Red (60%)
- Green (61%)
- Blue (59%)



- Red (59%)
- Yellow (61%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 3.539, 128.934 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 64, 3.539, 128.934 by changing the saturation by 10% instead.

■ 64, 3.539, 128.934

■ 64, 3.539, 128.934

■ 100, 3.539,
128.934

■ 54, 3.539, 128.934

■ 84, 3.539, 128.934

■ 44, 3.539, 128.934

■ 94, 3.539, 128.934

■ 34, 3.539, 128.934

■ 24, 3.539, 128.934

■ 14, 3.539, 128.934

■ 4, 3.539, 128.934

■ 0, 3.539, 128.934

■ 64, 3.539, 128.934

■ 64, 3.539, 128.934

■ 63, 12.791,

■ 65, 5.668, 309.310

128.479

66, 14.794,
309.698

62, 22.025,
128.009

67, 23.809,
310.043

61, 31.165,
127.532

69, 32.693,
310.353

60, 40.095,
127.071

70, 41.432,
310.630

60, 48.653,
126.668

71, 50.017,
310.876

59, 56.604,
126.389

73, 56.250,
311.750

59, 63.630,
126.326

73, 56.873,
314.279

58, 69.351,
126.598

74, 57.593,
316.788

58, 73.436,
127.315

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64, 3.539, 128.934



63, 3.573, 309.214

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64, 3.539, 128.934



64, 3.539, 178.934



64, 3.539, 308.934



64, 3.539, 358.934

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64, 3.541, 128.943



82, 1.137, 129.140



63, 2.023, 74.815



43, 0.645, 129.150



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 3.541, 128.943



81, 5.730, 128.882



64, 4.083, 144.283



33, 3.160, 128.861



53, 70.614, 127.713



4, 6.946, 129.972

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63, 3.573, 309.214



79, 5.784, 309.275



63, 4.097, 324.595



32, 3.190, 309.297



21, 80.851, 312.137



1, 6.870, 308.170

Previews

White Background



This preview shows how the CIELCh color 64, 3.539, 128.934 looks on a white background.

Color Contrast Check

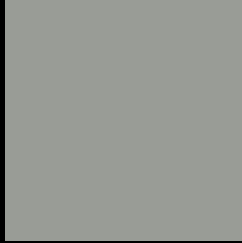
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 64, 3.539, 128.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

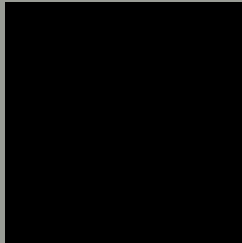
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

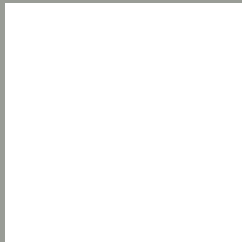
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 3.539, 128.934

Background



This preview shows how black text looks on a background with the CIELCh color 64, 3.539, 128.934.



This preview shows how white text looks on a background with the CIELCh color 64, 3.539, 128.934.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


64, 3.539, 128.934

Protanopia

64, 3.381, 74.582

Deuteranopia

64, 8.282, 16.317



Tritanopia
64, 6.750, 297.235

Trichromacy



Original Color

64, 3.539, 128.934

Protanomaly

64, 3.413, 96.605

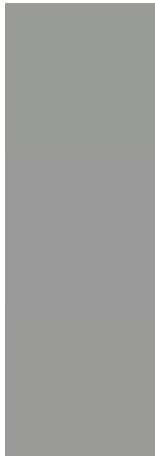
Deuteranomaly

64, 4.719, 26.498

Tritanomaly

64, 2.792, 290.496

Monochromacy



Original Color

64, 3.539, 128.934

Achromatopsia

64, 0.008, 296.813

Achromatomaly

64, 1.175, 129.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 3.539, 128.934 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(153, 156, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 156, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 3.539, 128.934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 156, 150) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 156, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(153, 156,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 3.539, 128.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 156, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
156, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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